

METHOD OF PRODUCTION OF DIELECTRIC CERAMIC COMPOSITION AND
METHOD OF PRODUCTION OF ELECTRONIC DEVICE CONTAINING
DIELECTRIC LAYERS

5

ABSTRACT OF THE DISCLOSURE

A method of production of a dielectric ceramic composition having at least a main component of Ba_2TiO_3 , a
10 second subcomponent including at least one compound selected from SiO_2 , MO (where M is at least one element selected from Ba, Ca, Sr, and Mg), Li_2O , and B_2O_3 , and other subcomponents, comprising the step of: mixing in said main component at
15 least part of other subcomponents except for said second subcomponent to prepare a pre-calcination powder, calcining the pre-calcination powder to prepare a calcined powder, and mixing at least said second subcomponent in said calcined powder to obtain the dielectric ceramic composition having
20 molar ratios of the subcomponents to the main component of predetermined ratios. As the other subcomponents, there is a third subcomponent including at least one compound selected from V_2O_5 , MoO_3 , and WO_3 . A ratio of the third subcomponent to 100 moles of the main component is preferably 0.01 to 0.1 mole.